

# MAKING MAPS BEAUTIFUL





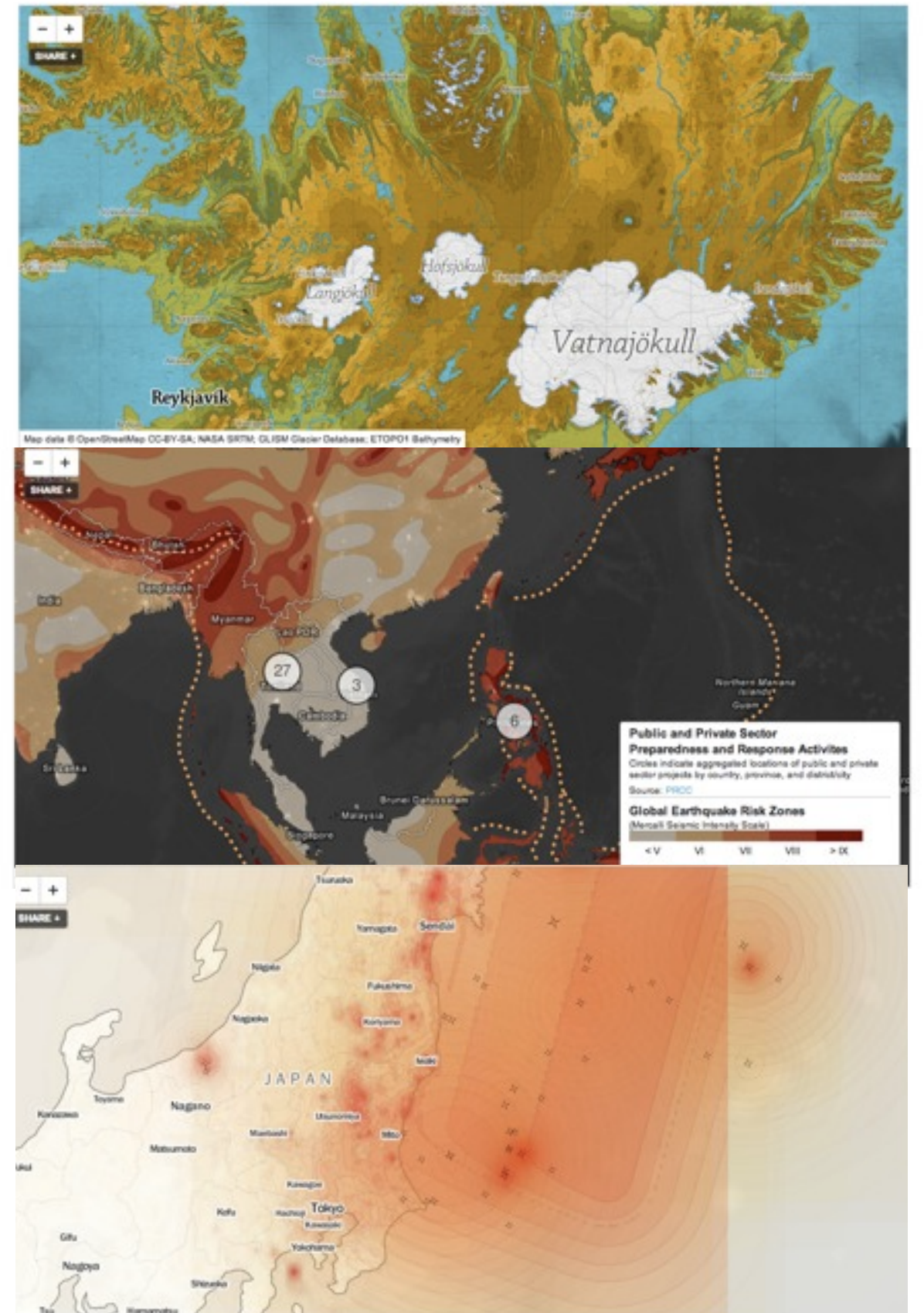
# TILEMILL OVERVIEW

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# WHAT IS TILEMILL?

- TileMill is built on a suite of modern open source libraries including Mapnik, node.js, backbone.js, express and CodeMirror.
- TileMill is built on the open-source rendering library Mapnik, the same software used by OpenStreetMap and MapQuest.
- TileMill lets you create a completely custom map where you can decide what data to use and how it gets displayed.
- TileMill is an application for making beautiful maps.



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# WHAT DOES THIS HAVE TO DO WITH DRUPAL?

Development Seed are the creators of TileMill and have contributed and maintained a lot of popular [Drupal projects](#).

- Open Atrium
- Features
- Context
- Internationalization
- Notifications
- Messaging



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**TileMill Maps can be displayed in Drupal!**

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# TILEMILL INTEGRATION TYPES

Overlay exported TileMill tiles on top of another map provider using the API

- Google Maps
- MapQuest Open
- Open Street Maps

Use TileStream to display the exported TileMill files

- .mbtiles

# PREREQUISITES

## TileMill

- Runs as a web application, but is installed locally and accessed through your browser.
- In newer versions its a self-contained application that includes all of the node.js dependencies.
- Mac or Linux only!
- <http://mapbox.com/tilemill/download/>

## TileStream

- Serves up the tile images to the client of your choice
- Hosting through Mapbox
- [Starts at \\$5 / mo](#)
- Uses Dropbox as filestorage
- Run your own server
- <https://github.com/mapbox/tilestream>

# PREREQUISITES

## Drupal

- Using D7 for the demo

## Drupal Modules

- [OpenLayers](#)
- [Views](#)
- [Chaos tools](#)



# GOALS

Create & style a map in TileMill [[reference](#)]

Export a Map from TileMill to TileStream [[reference](#)]

Integrate TileStream with Drupal [[reference](#)]